

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L12	11	("4787958"   "5248632"   "5376584"   "5384283"   "5418186"   "5462638").PN. OR ("5620611").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/30 16:41
L11	9	("5462638"   "5486282"   "5620611"   "5796168"   "5937320"   "6293457"   "6468413"   "6492197"   "6613663").PN. OR ("6995084").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/30 16:40
S95	5008	S94 and @ad<="20040421"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 16:29
L10	27	L9 and seed with wet near3 etch\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 16:29
L9	214	L8 and @ad<="20040421"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 16:29
L8	330	L7 and barrier and seed	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 16:29
L7	8765	((438/612-617) or (257/737)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/30 16:29
L6	4	L1 and seed with etch\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 16:17

## EAST Search History

L2	2	L1 and seed with wet adj etch\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 16:17
L5	7	L1 and etch with bump	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 16:09
L4	0	L1 and etch with (seed and bump)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/30 16:09
L3	2	("6448171").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/30 16:09
L1	33	(US-20020121692-\$ or US-20030157792-\$ or US-20020072215-\$ or US-20020028582-\$).did. or (US-6878633-\$ or US-6544878-\$ or US-6586323-\$ or US-5418186-\$ or US-5503286-\$ or US-5937320-\$ or US-5108950-\$ or US-6293457-\$ or US-5171711-\$ or US-6436300-\$ or US-4927505-\$ or US-4849376-\$ or US-5211807-\$ or US-6440870-\$ or US-4431477-\$ or US-4923562-\$ or US-4838990-\$ or US-4243476-\$ or US-4849124-\$ or US-5143866-\$ or US-6794301-\$ or US-4487652-\$ or US-6433427-\$ or US-5293071-\$ or US-4258382-\$ or US-5010389-\$). did. or (US-6583039-\$ or US-5838067-\$ or US-5384283-\$). did.	US-PGPUB; USPAT	OR	ON	2007/11/30 16:00
S11 8	28	S117 and @ad<="20040421"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 14:11

## EAST Search History

S11 7	39	S115 and (barrier with (dry or anisotropic or RIE or ion) near3 etch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 14:10
S11 6	1132	S115 and barrier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 14:10
S11 5	4886	S114 or S113	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 14:10
		S115 and (barrier with (dry or anisotropic or RIE or ion) near3 etch\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 14:10
S11 4	2317	(438/614).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/28 14:09
S11 3	2712	(257/737).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/28 14:09
S11 2	27	("4742023"   "4800177"   "4855251"   "4880708"   "4923827"   "4948754"   "4997778"   "5000818"   "5006478"   "5057447"   "5059553").PN. OR ("5171711").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/28 11:26
S11 1	25	("4272561"   "4273859"   "4293637"   "4427715"   "4742023"   "4861425"   "5010389"   "5027188"   "5171711"   "5268072"   "5298459").PN. OR ("5384283").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/28 11:24

## EAST Search History

S11 0	42	("3311966"   "3495133"   "3604989"   "3686698"   "4029562"   "4319264"   "4386116"   "4480288"   "4552615"   "4675717"   "4739389"   "4866507").PN. OR ("5010389").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/28 11:22
S10 9	10	("3585461"   "4742023"   "4787958"   "5010389"   "5293071"   "5376584"   "5631499").PN. OR ("5838067").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/28 11:21
S10 8	6	("3689991"   "4263606").PN. OR ("5293071").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/28 11:20
S10 7	0	S103 and (barrier near5 slop\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 11:19
S10 6	2	S103 and (barrier near5 angl\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 11:19
S10 5	1	S103 and (barrier near5 taper\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 11:19
S10 4	12	S103 and (barrier with (skirt\$3 overlap\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 11:19
S10 1	1	S95 and (barrier near5 taper\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 11:18
S10 0	6	S95 and (barrier with (skirt\$3 overlap\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 11:18

## EAST Search History

S10 3	7060	S102 and @ad<="20040421"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 11:17
S10 2	8756	((438/612-617) or (257/737)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/28 11:17
S94	6084	(438/612-614).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/28 11:17
S97	59	S95 and (barrier with (extend\$3 skirt\$3 overlap\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 11:13
S99	9	S97 and ((dry or ion) near3 etch\$3) with barrier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 11:12
S98	24	S97 and ((dry or ion) near3 etch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 11:10
		S97 and (dry or ion) near3 etch\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 11:08
S96	31	S95 and (barrier near5 (extend\$3 skirt\$3 overlap\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 11:07

## EAST Search History

	S95 and (barrier near5 (extend\$3 skirt\$3 overlap\$4)  ("L1and@ad<="20040421").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB  US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/28 11:07
			OR	OFF	2007/11/28 11:06

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